

EPA Region 5 Records Ctr.



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10/25/91UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 10-25-91

FROM: Steve Faryan, OSC, Region V, Chicago, IL

TO: S. Luftig - Attn. T. Johnson, U.S. EPA, Wash D.C.,
OS-210 (EPA5511)
✓ R. Bowden, Chief, Emergency Response Branch,
Chicago, IL; 5HS (EPA9538)
T. Gioia, Chief, Response Section 2,
Chicago, IL; 5HS (EPA9538)
P. Schafer, Chief, Emergency Support Division,
Chicago, IL; (EPA 9538)
D. O'Riordan, OFC PUB AFF, Chicago, IL; 5PA (EPA9513)

SUBJECT: Driscoll & Company, Inc site, Chicago, Cook County, IL
D.O. # 7460-05-196, Site ID# NP
TIME PERIOD: 10-18-91 through 10-24-91
POLREP# 3

SITUATION: Driscoll and Company, Inc is located at 3145 West Grand Avenue in Chicago, Illinois. This site is an abandoned electroplating facility comprising of two buildings. Both the buildings contained electroplating vats, tanks and drums with various chemicals in them. In addition, the southern building also contained several lab chemicals. Site assessment by OSC S. Faryan and Technical Assistance Team has revealed cyanide concentrations upto 9,700 ppm, chromium concentrations upto 10,500 ppm, and nickel concentrations upto 457,000 ppm. The U.S. EPA has initiated an immediate removal action at this site on September 3, 1991. Phase 1 of this removal action involved compatibility testing of various samples and phase 2 involves removal of all the hazardous wastes on-site.

Phase 1 activities concluded on 10-1-91. Phase 2 activities began on 10-15-91.

ACTIONS
TAKEN:

- 1) OHM mobilized two additional members on 10-22-91, and one chemist on 10-24-91.
- 2) After evaluating the feasibility study results of OHM Corporation, a decision was taken by the OSC in favor of off-site disposal of all hazardous chemicals on-site.
- 3) OHM crew is involved in removing non-hazardous debris and metal scrap from both the buildings of the Driscoll site.

- 4) Two 20 yd³ roll off boxes containing non-hazardous special wastes were removed and disposed of at CID Landfill in Calumet City on October 18 and 22 respectively.
- 5) On 10-21-91, OHM mobilized two diaphragm pumps for pumping liquids from the vats and drums.
- 6) Bulking of high concentration cyanide liquids began on October 23. These liquids are being bulked in the frac tank located in the northern building.
- 7) Samples from the piping of the buildings were collected and sent to a lab on October 24 for asbestos analysis.
- 8) Notification letters were sent to M.P.C.A. and Ramsey County for disposal of wastes at MRS disposal facility in Roseville, MN.

**FUTURE
ACTIONS:**

- 1) All non-hazardous debris will be removed and disposed of.
- 2) All waste groups will be bulked and disposed off-site at the selected disposal facilities.
- 3) All sludges from the bottom of the vats, tanks and drums will be bulked with the floor sweeps. This bulked group will be stabilized with hypochlorite and cement before disposing off-site at an approved disposal facility.
- 4) After pumping out the liquids, the vats and tanks will be decontaminated, and then disposed of as non-hazardous waste.
- 5) All the empty drums will be crushed and recycled as scrap metal or as special waste.
- 6) All the structures and floors of the site buildings will be decontaminated with water.
- 7) Loose asbestos and bags of asbestos will be removed and disposed.

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|---------------|----------------------|----------------|
| COSTS: | TOTAL TO DATE | CEILING |
| | ERCS \$ 180,018.94 | 750,000.00 |
| | TAT \$ 27,560.40 | 16,000.00 |
| | EPA \$ 6,330.00 | 9,000.00 |

STATUS: Pending

Special Note: Office of Public Affairs needs to assign a community relations specialist to prepare a community relations plan and press briefings.

Attachments: Waste disposal summary table

WASTE DISPOSAL SUMMARY TABLE
DRISCOLL & COMPANY, INC

| WASTE CATEGORY | QUANTITY | DATE SHIPPED | MANIFEST NUMBER | DISPOSAL METHOD | FACILITY, LOCATION |
|-----------------------------|--------------------|--------------|-----------------|-----------------|----------------------|
| NON-HAZARDOUS SPECIAL WASTE | 20 YD ³ | 10/18/91 | 00001 | LANDFILL | CWM/CID, CALUMET, IL |
| N-HAZARDOUS SPECIAL WASTE | 20 YD ³ | 10/22/91 | 00002 | LANDFILL | CWM/CID, CALUMET, IL |
| | | | | | |
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